

# REVISED APPLICATION DATA SHEET

|   |   |            |
|---|---|------------|
| <b>Application Data Sheet 37 CFR 1.76</b> | Attorney Docket Number                            | EL0535USNA |
|   | Application Number                                | 10/801257  |
|   | Confirmation Number                               | 2248       |
| <b>Title of Invention</b>                 | THICK-FILM DIELECTRIC AND CONDUCTIVE COMPOSITIONS |            |

**Publication Information:**

The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.

## Secrecy Order 37 CFR 5.2

|                          |   |
|--------------------------|---|
| <input type="checkbox"/> | Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.) |
|--------------------------|---|

## Applicant Information:

|  |                   |  |   |  |  |    |
|--|-------------------|--|---|--|--|----|
| <b>Applicant 1</b>   |                   |  |   |  | <b>Remove</b>  |    |
| <b>Applicant Authority</b>   |                   | <input checked="" type="checkbox"/> Inventor | <input type="checkbox"/> Legal Representative under 35 U.S.C. 117 |  | <input type="checkbox"/> Party of Interest under 35 U.S.C. 118 |    |
| <b>Prefix</b>  | <b>Given Name</b> | <b>Middle Name</b>                           | <b>Family Name</b>  |  | <b>Suffix</b>  |    |
| Select One   | WILLIAM           | J.   | BORLAND   |  |  |    |
| <b>Residence Information (Select One)</b> <input checked="" type="checkbox"/> US Residency <input type="checkbox"/> Non US Residency <input type="checkbox"/> Active US Military Service |                   |  |   |  |  |    |
| <b>City</b>  | CHAPEL HILL       | <b>State/Province</b>                        | NORTH CAROLINA  | <b>Country of Residence <sup>i</sup></b> |  | US |
| <b>Citizenship under 37 CFR 1.41(b)</b>  |                   |  | US  |  |  |    |
| <b>Mailing Address of Applicant:</b>   |                   |  |   |  |  |    |
| <b>Address</b>   |                   | 312 OXFORDSHIRE LANE                         |   |  |  |    |
| <b>City</b>  | CHAPEL HILL       | <b>State/Province</b>                        | NORTH CAROLINA  |  |  |    |
| <b>Postal Code</b>   | 27517             | <b>Country <sup>i</sup></b>                  | US  |  |  |    |
| <b>Applicant 2</b>   |                   |  |   |  | <b>Remove</b>  |    |
| <b>Applicant Authority</b>   |                   | <input checked="" type="checkbox"/> Inventor | <input type="checkbox"/> Legal Representative under 35 U.S.C. 117 |  | <input type="checkbox"/> Party of Interest under 35 U.S.C. 118 |    |
| <b>Prefix</b>  | <b>Given Name</b> | <b>Middle Name</b>                           | <b>Family Name</b>  |  | <b>Suffix</b>  |    |
| Select One   | ALTON             | BRUCE  | JONES, III  |  |  |    |
| <b>Residence Information (Select One)</b> <input checked="" type="checkbox"/> US Residency <input type="checkbox"/> Non US Residency <input type="checkbox"/> Active US Military Service |                   |  |   |  |  |    |
| <b>City</b>  | TIMBERLAKE        | <b>State/Province</b>                        | NORTH CAROLINA  | <b>Country of Residence <sup>i</sup></b> |  | US |
| <b>Citizenship under 37 CFR 1.41(b)</b>  |                   |  | US  |  |  |    |
| <b>Mailing Address of Applicant:</b>   |                   |  |   |  |  |    |
| <b>Address</b>   |                   | 331 HOLLY SPRINGS DRIVE                      |   |  |  |    |
| <b>City</b>  | TIMBERLAKE        | <b>State/Province</b>                        | NORTH CAROLINA  |  |  |    |
| <b>Postal Code</b>   | 27583             | <b>Country <sup>i</sup></b>                  | US  |  |  |    |
| <b>Applicant 3</b>   |                   |  |   |  | <b>Remove</b>  |    |
| <b>Applicant Authority</b>   |                   | <input checked="" type="checkbox"/> Inventor | <input type="checkbox"/> Legal Representative under 35 U.S.C. 117 |  | <input type="checkbox"/> Party of Interest under 35 U.S.C. 118 |    |
| <b>Prefix</b>  | <b>Given Name</b> | <b>Middle Name</b>                           | <b>Family Name</b>  |  | <b>Suffix</b>  |    |
| Select One   | OLGA              | L.   | RENOVALES   |  |  |    |

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| <b>Application Data Sheet 37 CFR 1.76</b> | Attorney Docket Number                            | EL0535USNA |
|   | Application Number                                | 10/801257  |
|   | Confirmation Number                               | 2248       |
| <b>Title of Invention</b>                 | THICK-FILM DIELECTRIC AND CONDUCTIVE COMPOSITIONS |            |

|  |  |   |                    |  |    |
|--|--|---|--------------------|--|----|
| <b>Residence Information (Select One)</b> <input checked="" type="checkbox"/> US Residency <input type="checkbox"/> Non US Residency <input type="checkbox"/> Active US Military Service |  |   |                    |  |    |
| <b>City</b>  | APEX   | <b>State/Province</b>   | NORTH CAROLINA     | <b>Country of Residence</b> <sup>i</sup>                       | US |
| <b>Citizenship under 37 CFR 1.41(b)</b>  |  | US  |                    |  |    |
| <b>Mailing Address of Applicant:</b>   |  |   |                    |  |    |
| <b>Address</b>   | 2303 COLONY WOODS DRIVE                      |   |                    |  |    |
| <b>City</b>  | APEX   | <b>State/Province</b>   | NORTH CAROLINA     |  |    |
| <b>Postal Code</b>   | 27523  | <b>Country</b> <sup>i</sup>                                       | US                 |  |    |
| <b>Applicant 4</b>   |  |   | <b>Remove</b>      |  |    |
| <b>Applicant Authority</b>   | <input checked="" type="checkbox"/> Inventor | <input type="checkbox"/> Legal Representative under 35 U.S.C. 117 |                    | <input type="checkbox"/> Party of Interest under 35 U.S.C. 118 |    |
| <b>Prefix</b>  | <b>Given Name</b>                            | <b>Middle Name</b>  | <b>Family Name</b> | <b>Suffix</b>  |    |
| Select One   | KENNETH                                      | WARREN  | HANG               |  |    |
| <b>Residence Information (Select One)</b> <input checked="" type="checkbox"/> US Residency <input type="checkbox"/> Non US Residency <input type="checkbox"/> Active US Military Service |  |   |                    |  |    |
| <b>City</b>  | HILLSBOROUGH                                 | <b>State/Province</b>   | NORTH CAROLINA     | <b>Country of Residence</b> <sup>i</sup>                       | US |
| <b>Citizenship under 37 CFR 1.41(b)</b>  |  | US  |                    |  |    |
| <b>Mailing Address of Applicant:</b>   |  |   |                    |  |    |
| <b>Address</b>   | 9 STEEPLETON COURT                           |   |                    |  |    |
| <b>City</b>  | HILLSBOROUGH                                 | <b>State/Province</b>   | NORTH CAROLINA     |  |    |
| <b>Postal Code</b>   | 27278  | <b>Country</b> <sup>i</sup>                                       | US                 |  |    |
| All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the <b>Add</b> button.  |  |   |                    | <b>Add</b>   |    |

**Correspondence Information:**

|   |       |
|---|-------|
| Enter either Customer Number or complete the Correspondence Information section below.<br>For further information see 37 CFR 1.33(a). |       |
| <input type="checkbox"/> An Address is being provided for the correspondence Information of this application.                         |       |
| <b>Customer Number</b>  | 23906 |

**Application Information:**

|  |   |   |  |
|--|---|---|--|
| <b>Title of the Invention</b>                  | THICK-FILM DIELECTRIC AND CONDUCTIVE COMPOSITIONS |   |  |
| <b>Attorney Docket Number</b>                  | EL0535USNA  | <b>Small Entity Status Claimed</b> <input type="checkbox"/> |  |
| <b>Application Type</b>                        | Non Provisional                                   |   |  |
| <b>Confirmation Number</b>                     | 2248  |   |  |
| <b>Subject Matter</b>                          | Utility   |   |  |
| <b>Suggested Class (if any)</b>                |   | <b>Sub Class (if any)</b>                                   |  |
| <b>Suggested Technology Center (if any)</b>    |   |   |  |
| <b>Total Number of Drawing Sheets (if any)</b> |   | <b>Suggested Figure for Publication (if any)</b>            |  |

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| <b>Title of Invention</b>                 | THICK-FILM DIELECTRIC AND CONDUCTIVE COMPOSITIONS |            |

**Publication Information:**

|                          |   |
|--------------------------|---|
| <input type="checkbox"/> | Request Early Publication (Fee required at time of Request 37 CFR 1.219)  |
| <input type="checkbox"/> | <b>Request Not to Publish.</b> I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. |

**Representative Information:**

|   |   |   |  |
|---|---|---|--|
| Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Enter either Customer Number or complete the Representative Name section below. If both sections are completed the Customer Number will be used for the Representative Information during processing. |   |   |  |
| Please Select One:  | <input checked="" type="checkbox"/> Customer Number | <input type="checkbox"/> US Patent Practitioner | <input type="checkbox"/> Limited Recognition (37 CFR 11.9) |
| Customer Number   | 23906   |   |  |

**Domestic Benefit/National Stage Information:**

|  |                 |                          |                          |
|--|-----------------|--------------------------|--------------------------|
| This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification. |                 |                          |                          |
| Prior Application Status   |                 |                          |                          |
| Application Number   | Continuity Type | Prior Application Number | Filing Date (YYYY-MM-DD) |
|  |                 |                          |                          |

**Foreign Priority Information:**

|   |                      |                                 |  |
|---|----------------------|---------------------------------|--|
| This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a). |                      |                                 |  |
| Application Number  | Country <sup>i</sup> | Parent Filing Date (YYYY-MM-DD) | Priority Claimed   |
|   |                      |                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No |

**Assignee Information:**

|   |   |                       |                |
|---|---|-----------------------|----------------|
| Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office. . |   |                       |                |
| <b>Assignee 1</b>   |   |                       |                |
| If the Assignee is an Organization check here <input checked="" type="checkbox"/>   |   |                       |                |
|   | E. I. DU PONT DE NEMOURS AND COMPANY                                      |                       |                |
| <b>Mailing Address Information:</b>   |   |                       |                |
| <b>Address 1</b>  | Patent Records Center/DuPont Legal<br>Barley Mill Plaza 25/P.O. Box 80025 |                       |                |
| <b>City</b>   | Wilmington  | <b>State/Province</b> | DE             |
| <b>Country<sup>i</sup></b>  | US  | <b>Postal Code</b>    | 19805          |
| <b>Phone Number</b>   | (302) 892-1543  | <b>Fax Number</b>     | (302) 355-3982 |
| <b>Email Address</b>  | legal.prc@usa.dupont.com  |                       |                |

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### Signature:

|  |                    |           |        |                     |            |
|--|--------------------|-----------|--------|---------------------|------------|
| A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature. |                    |           |        |                     |            |
| <b>Signature</b>   | /THOMAS W. GORMAN/ |           |        | Date (YYYY-MM-DD)   | 2009-12-14 |
| First Name   | THOMAS W.          | Last Name | GORMAN | Registration Number | 31,959     |